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(71) Applicant: **KOBE TENNENBUTSU KAGAKU
KK**

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(74) Representative:

(54) PRODUCTION OF TAXANE-TYPE DITERPENE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a taxane-type diterpene such as taxol or the like, which can cope with increase in quantity demanded, can be carried out at a low cost and can preserve the environment.

SOLUTION: A taxane-type diterpene is took out by extracting, isolating and purifying callus prepared through a tissue culture method of needle leave of *Taxus cuspidata* Sieb et Zucc. or *Taxus cuspidata* Sieb et Zucc. var. *nana* Rehder which have been collected in the season when monthly mean temperature for a month before being collected is $\leq 180^{\circ}\text{C}$. The culture medium includes at least one kind selected from a group consisting of 1-naphthylacetic acid, 2,4-dichlorophenoxyacetic acid, 4-chloroindole-3-acetic acid, methyl jasmonate and an oligosaccharide more preferably.

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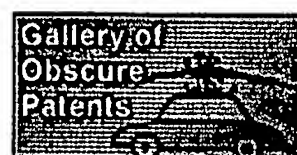
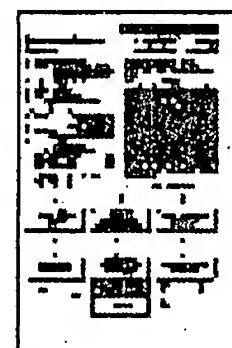
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